Buttonhole Fine Tuning

You can adjust your machine to make a perfect buttonhole for the type of fabric you are using. You may prefer a tight satin stitch for fine fabrics or a more open stitch for heavy fabrics. For more open stitching on the left side, turn knob (H) Fig. 28, clockwise toward the plus ("+") position. Turn counterclockwise toward the minus ("—") position for a closer satin stitch on the left side of the buttonhole. Use the stitch length control to adjust the stitching on the right side of the buttonhole. The larger the number you select, the more open the stitching.

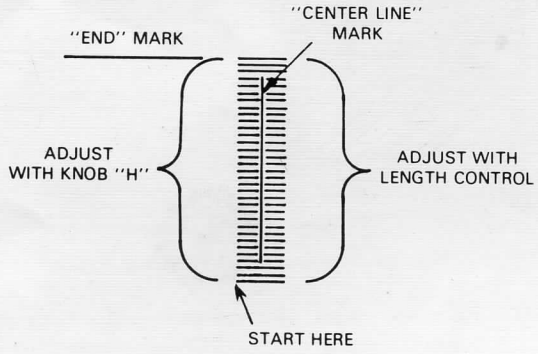

Fig. 29

SEWING ON BUTTONS

1. Remove hinged presser foot and attach button sewing foot, see Fig. 30.
2. Move zigzag stitch width regulator lever (B) Fig. 17, to No. 4.
3. Fully depress drop feed button (A) Fig. 11 to "E" position.
4. With the buttonhole foot in a raised position place button between buttonhole foot and fabric so that the holes of the button line up with the needle, as shown in Fig. 30. Turn hand wheel toward you and test to see if the needle enters center of each hole. If not, adjust the zigzag stitch width regulator lever by moving lever to right or left until the needle clears each hole.
5. When needle goes into the center of each hole, then run the machine at medium speed, making five or six stitches.
6. To lock the zigzag stitch and prevent raveling, set the zigzag stitch width regulator lever at No. 0 and by hand, turn the hand wheel toward you to make sure needle goes into center of the hole. If it clears, then make a few straight stitches in the same hole.
7. If you wish you may place a rounded toothpick over the button, between the two holes, and sew button to fabric in regular way. Remove the toothpick and the button will be loosely attached. Pull button up and wind thread around the threads holding the button, forming a stem.

NOTE: If a four hole button is to be sewn, follow the same procedure above for the two hole button. Now lift presser foot slightly and move fabric to permit stitching the remaining two holes.

Hooks, snaps, etc., are sewn to the fabric with the same procedure as for sewing two hole button.

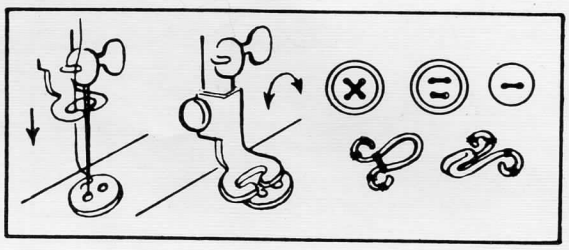

Fig. 30

ZIGZAG EMBROIDERY

1. Place the design to be embroidered between the two sections of an embroidery loop.
2. To sew, remove the pressure from the presser bar by releasing the snap-lock darner. Press (B) Fig. 12.
3. Fully depress drop feed button (A) Fig. 11 to "E" position.
4. Remove the presser foot, (N) Page 2.
5. Place the embroidery hoops under the needle and lower the presser bar, (X) Page 2.
6. Use a fine needle.
7. Set the levers for a wide satin stitch. See "Satin Stitch," Fig. 19, Page 14.
8. Hold hoop and needle thread with left hand, turn top of balance wheel slowly toward you with right hand and bring lower thread up through fabric in hoop. While still holding both threads and hoop in left hand, bring right hand to hoop and start running machine at medium speed. Guide hoop slowly in steady rhythm coordinated with movement of needle. Start sewing at outer edge of design, turning hoop so that the stitches are formed in the same direction as the grain of the petal or leaf. To be able to